

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

December 31, 2007

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 12/31/2007	%AVERAGE 12/31/2007	Reading Date	COMMENTS
	Full Pool Contents	AVERAGE 1960 - 2005	Last Year 12/31/2006	Last Month 11/30/2007	PRESENT 12/31/2007				
ACKLEY	6,140	3,383	2,204	1,815	1,815	30	54	12/31/07	estimated no change
BAIR	7,300	3,345		1,560	1,537	21	46	1/9/08	from Bob A. sd = 328.5'
CATARACT	1,478	383	500	303	333	23	87	12/31/07	estimated 30 af increase
COONEY	28,230	17,764	15,044	17,847	17,170	61	97	1/3/08	from Dave Adair
COTTONWOOD	1,900	365		185	190	10	52	1/9/08	from Bob A. sd = 72'
DEADMAN'S BASIN	76,900	43,426		17,401	18,512	24	43	1/9/08	from Bob A. sd = 559'
E.F. ROCK CREEK	16,040	7,416	5,078	8,150	8,900	55	120	12/3/07	from data logger
FRENCHMAN	3,752	2,498		1,415	1,415	38	57	12/31/07	estimated no change
MARTINSDALE	23,348	8,499	0	0	0	0	0	12/31/07	drained for construction, supply canal dry
MIDDLE CREEK	10,184	5,895		6,359	6,359	62	108	12/31/07	assumed inflow = outflow
NEVADA CREEK	11,207	4,246	4,547	4,302	4,595	41	108	1/1/08	from Jim Beck sd = 156.5'
NILAN	10,992	6,519		4,129	4,492	41	69	12/27/07	from Ken Philips 22.7' below grate
N.FK. SMITH RIVER	11,406	5,517		4,415	4,685	41	85	1/9/08	from Bob A. sd = 231'
RUBY RIVER	36,633	20,139		14,500	19,900	54	99	12/31/07	estimated based on inflow/outflow gages
TONGUE RIVER	79,071	35,222	47,858	51,244	50,983	64	145	1/3/08	from data logger
W.F. BITTERROOT	32,362	5,591	9,473	9,376	9,254	29	166	1/14/08	from Al Pernichele
WILLOW CREEK	18,000	9,421	11,800	9,640	10,715	60	114	12/31/07	Leslie estimated 700 MI net inflow
YELLOWWATER	3,842	946	127	600	600	16	63	12/31/07	estimated no change

* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	Nilan	900 AF
Cooney	90 AF	Tongue River	711 AF
Deadman's	4600 AF	W.F. Bitterroot	656 AF
		Willow Creek	269 AF

* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data

* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data

* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF

* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F

* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data